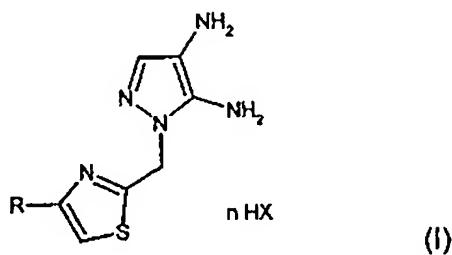


CLAIMS

1. (original) 4,5-Diaminopyrazoles of general formula (I)



wherein R denotes a straight-chain or branched C₁-C₆-alkyl group, an unsubstituted phenyl group or a singly or multiply substituted phenyl group wherein the substituents are selected independently of each other from among a halogen atom, a C₁-C₆ carboxylate ester group, a straight-chain or branched C₁-C₆-alkoxy group, a straight-chain or branched C₁-C₆-alkoxy group interrupted by one or two hetero atoms, a hydroxyethoxy group, a dihydroxypropoxy group or a nitrile group.

2. (original) 4,5-Diaminopyrazole according to claim 1, characterized in that it is selected from among 1-[(4-phenyl-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride, 1-{[4-(4-aminophenyl)-1,3-thiazol-2-yl]methyl}-4,5-diamino-1H-pyrazole trihydrochloride, 1-{[4-(4-methoxyphenyl)-1,3-thiazol-2-yl]methyl}-4,5-diamino-1H-pyrazole dihydrochloride, 1-{[4-(4-fluorophenyl)-1,3-thiazol-2-yl]methyl}-4,5-diamino-1H-pyrazole dihydrochloride, 1-[(4-methyl-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride, 1-[(4-(2,4-dimethoxyphenyl)-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride, 1-[(4-(2-aminophenyl)-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole trihydrochloride, 1-[(4-(3-amino-4-chlorophenyl)-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole trihydrochloride, 1-[(4-(4-chlorophenyl)-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride, 1-[(4-(4-bromophenyl)-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride, 1-[(4-trifluoromethyl-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride and 1-[(4-t-butyl-1,3-thiazol-2-yl)methyl]-4,5-diamino-1H-pyrazole dihydrochloride.

3. (currently amended) Dye carrier composition based on oxidation dye

precursors, characterized in that it contains at least one 4,5-diaminopyrazole of general formula (I) according to claim 1 or 2.

4. (original) Dye carrier composition according to claim 3, characterized in that it contains the 4,5-diaminopyrazole of general formula (I) in an amount from 0.01 to 20 weight percent.

5. (currently amended) Dye carrier composition according to claim 3 or 4, characterized in that it contains additionally at least one coupler and/or one additional developer and/or a direct dye.

6. (currently amended) Agent for coloring keratin fibers obtained by mixing a dye carrier composition with an oxidant, characterized in that a dye carrier composition according to ~~one of claims 3 to 5~~ claim 3 is used.

7. (original) Agent according to claim 6, characterized in that the oxidant is hydrogen peroxide.

8. (currently amended) Agent according to claim 6 or 7, characterized in that the dye carrier composition and the oxidant are mixed in a weight ratio of 5:1 to 1:3.

9. (currently amended) Agent according to ~~one of claims 6 to 8~~ claim 6, characterized in that it is a hair colorant.

10. (currently amended) Method for producing 4,5-diaminopyrazoles of formula (I) according to claim 1 or 2, characterized in that (2E/Z)-3-anilino-2-nitro-2-propene nitrile is cyclized with ethyl hydra-zinoacetate, after which the carboxamido group is formed by aminolysis and then, by use of Lawesson's reagent, the conversion to the thioamide function is carried out, the side-chain heterocycles being formed from said function by reaction with the appropriate halogenomethyl aryl ketone, and finally the nitro group on the pyrazole ring is reduced.